

B. AMENDMENTS TO THE SPECIFICATION

Please enter the following Preliminary Amendment prior to examination of the present continuation patent application:

IN THE SPECIFICATION:

On page 1, on the first line following the title, insert the following:

PRIOR APPLICATION:

This is a continuation of U.S. application no. 10/145,337 filed in the U.S. office on May 13, 2002.

Please replace the abstract with the amended paragraph, as follows:

An electrically addressable data storage unit has a matrix of rows and columns of data storage arrays on a single substrate. Each array is a matrix of coplanar data storage diode cells connected by row lines and column lines for recording, addressing and reading of data. Address lines and power lines of each array are connected to the array so that only the data storage diode cells of a selected data storage cell are enabled, thereby eliminating undesirable power dissipation in all other arrays of the array. A controller enables the row and column address lines to selectively address a diode cell in a selected array.

C. AMENDMENTS TO THE DRAWINGS

The attached sheets of drawings include changes to FIGs. 1A, 1B, 2, and 3. These sheets, which include FIGs. 1A, 1B, 2, and 3, replace the original sheets containing FIGs. 1A, 1B, 2, and 3 respectively.

Attachment: Replacement sheets.